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From: "Warren, Dee" <WarrenDEE@cdm.com>

To: Rebecca Thomas, Victor Ketellapper

Cc: "Lammers, Paul", "Cook, Thomas", Courtney.Zamora, Amishi.Castelli

Subject: OU5 wood chip piles data

Rebecca - Victor requested that we send you the data related to the OU5
wood chip and waste bark piles.
<<Table 2-11 Final Wood Chip Pile Personal Air Samples.xls>> <<Table 2-9 Final Wood Chip Pile Bulk Samples - PLM.xls>> <<Table 2-10 Final Wood Chip Pile Bulk Samples - TEM.xls>>
<<Figure2-7_Stimson_2007SoilSampsVisibleVE_WoodChipPiles_11x17.pdf>>
Attached are tables and figures from the 2007 Investigation summary report related to the wood chip piles. In short LA was observed in 4 samples of the wood chips collected from these piles. Due to the method
that was required for this analysis the provided result is qualitative
related to the presence of LA and an actual concentration was not able
to be determined.

The following is a brief summary and explanation of the attached data.
If you need any additional information, please let me know.
Bulk samples - Table 2-9 and Table 2-10
Bulk sampling of the wood chip piles was conducted using a test pit method in each of the 100 feet by 100 feet grids. A total of 100 bulk material samples and four field duplicates were collected from the top,
middle, and bottom section of each waste bark test pit. Of the 100 bulk
samples,
20 samples were analyzed using EPA-Libby-10, Analysis of Waste Bark and
Wood Chip Samples for Fibrous Amphibole (EPA 2008), a qualitative analysis method utilizing PLM and TEM. The remaining samples were archived.
One of the samples contained a detectable concentration of LA by PLM analysis. All remaining samples were ND for LA. Table 2-9 provides a

summary of all bulk material sample results from this investigation. Four samples contained a detect concentration of LA by TEM analysis. All remaining samples were ND for LA. Table 2-10 provides a summary of all bulk material sample results from this investigation. This method was only able to provide a yes/no related to the presence of LA, due to the analytical method that was required for analysis. It should be noted, we were not able to determine the LA concentration in the samples were LA was observed, only that LA was present.

Personal Air samples - Table 2-11

Personal air samples were collected from the excavator operator and the sample collection personnel during the wood chip test pit excavation. A total of 12 personal air samples were collected during the activity. The samples were analyzed by ISO TEM method 10312. The target analytical sensitivity for the outdoor personal air samples is 0.001 s/cc. All personal air samples were ND for LA. Table 2-11 provides a summary of all personal air sample results from this investigation. It should be noted, that water suppression was used during this sampling effort due to the extreme fugitive dust emissions produced and our inability to restrict access to areas adjacent to the piles. In addition, several areas of combustion were discovered during the excavation of the piles that required water to suppress.

Dee Warren, PMP
Principal
CDM | consulting * engineering * construction * operations
555 17th Street, Suite 1100 | Denver, CO | 80202
Main Phone: 303.383.2300 | Direct Phone: 720.264.1121 | Cell: 303.548.8807
Fax: 303.308.3003 | Email: warrendee@cdm.com

 - Table 2-11 Final Wood Chip Pile Personal Air Samples.xls  - Table 2-9 Final Wood Chip Pile Bulk Samples - PLM.xls  - Table 2-10 Final Wood Chip Pile Bulk Samples - TEM.xls  - Figure2-7_Stimson_2007SoilSampsVisibleVE_WoodChipPiles_11x17.pdf